

Flood Control Project Maintenance
2009 Structure Summary Report
Overall Unit and Item Ratings

DWR Sutter Maintenance Yard

Butte Slough Drainage Structure

Overall Unit Rating	Rated Item	Item Rating
A	Vegetation & Obstructions	A
	Shoaling / Sedimentation	A
	Erosion / Bank Caving	A
	Revetments	A
	Encroachments	A
	Culverts: Inlets / Outlets	A
	Culverts: Breaks / Holes / Cracks	A
	Metal Pipes	A
	Flap Gates	A
	Concrete Surfaces	A
	Concrete Tilting / Settlement	A
	Concrete Foundations	A
	Closure Structures	A

Butte Slough Outfall Structure

Overall Unit Rating	Rated Item	Item Rating
A	Vegetation & Obstructions	A
	Shoaling / Sedimentation	A
	Erosion / Bank Caving	A
	Revetments	A
	Encroachments	A
	Culverts: Inlets / Outlets	A
	Culverts: Breaks / Holes / Cracks	A
	Flap Gates	A
	Sluice/Slide Gates	A
	Manual Gate Operators	A
	Concrete Surfaces	A
	Concrete Tilting / Settlement	A
	Concrete Foundations	A
	Security Fencing	A
	Closure Structures	A
	Monolith Joints	A

Colusa Weir

Overall Unit Rating	Rated Item	Item Rating
A	Vegetation & Obstructions	A
	Shoaling / Sedimentation	A
	Erosion / Bank Caving	A
	Revetments	A
	Encroachments	A
	Concrete Surfaces	A
	Concrete Tilting / Settlement	A
	Security Fencing	A
	Monolith Joints	A

Flood Control Project Maintenance
2009 Structure Summary Report
Overall Unit and Item Ratings

DWR Sutter Maintenance Yard (cont.)

Little Chico Creek Control And Weir Structures

Overall Unit Rating	Rated Item	Item Rating
A	Vegetation & Obstructions	A
	Shoaling / Sedimentation	A
	Erosion / Bank Caving	A
	Revetments	A
	Encroachments	A
	Concrete Surfaces	A
	Concrete Tilting / Settlement	A
	Concrete Foundations	A
	Closure Structures	A

Middle Creek Pumping Plant

Overall Unit Rating	Rated Item	Item Rating
M	Operating Log	U
	Operation & Maintenance Manual	U
	Plant Building	M
	Communications	A
	Safety	A
	Pumps	A
	Power	A
	Pump Control Systems	M
	Sumps/Wet Well	A
	Trash Racks	A
	Sluice / Slide Gates	M
	Manual Gate Operators	M
	Other Metallic Items	A
	Flap Gates	M
	Security Fencing	A
	Intake and Discharge Pipes	A
	Pressurized Pipe	A

Moulton Weir

Overall Unit Rating	Rated Item	Item Rating
A	Vegetation & Obstructions	A
	Shoaling / Sedimentation	A
	Erosion / Bank Caving	A
	Revetments	A
	Encroachments	A
	Concrete Surfaces	A
	Concrete Tilting / Settlement	A
	Concrete Foundations	A
	Security Fencing	A
	Monolith Joints	A

Flood Control Project Maintenance
2009 Structure Summary Report
Overall Unit and Item Ratings

DWR Sutter Maintenance Yard (cont.)

Nelson Bend

Overall Unit Rating	Rated Item	Item Rating
A	Vegetation & Obstructions	A
	Shoaling / Sedimentation	A
	Erosion / Bank Caving	A
	Revetments	A
	Encroachments	A
	Safety	M

Sutter Bypass Pumping Plant No. 1

Overall Unit Rating	Rated Item	Item Rating
M	Operating Log	A
	Operation & Maintenance Manual	A
	Plant Building	A
	Communications	A
	Safety	A
	Pumps	A
	Power	U
	Motors, Engines, Fans & Gear Reducers	A
	Pump Control Systems	M
	Sumps/Wet Well	A
	Trash Racks	A
	Sluice / Slide Gates	A
	Manual Gate Operators	A
	Other Metallic Items	A
	Flap Gates	A
	Security Fencing	A
	Pressurized Pipe	A

Sutter Bypass Pumping Plant No. 2

Overall Unit Rating	Rated Item	Item Rating
M	Operating Log	A
	Operation & Maintenance Manual	A
	Plant Building	A
	Communications	A
	Safety	A
	Pumps	A
	Power	U
	Motors, Engines, Fans & Gear Reducers	A
	Pump Control Systems	M
	Sumps/Wet Well	A
	Trash Racks	A
	Sluice / Slide Gates	A
	Manual Gate Operators	A
	Other Metallic Items	A
	Flap Gates	A
	Security Fencing	A
	Pressurized Pipe	A

Flood Control Project Maintenance
2009 Structure Summary Report
Overall Unit and Item Ratings

DWR Sutter Maintenance Yard (cont.)

Sutter Bypass Pumping Plant No. 3

Overall Unit Rating	Rated Item	Item Rating
M	Operating Log	A
	Operation & Maintenance Manual	A
	Plant Building	A
	Communications	A
	Safety	A
	Pumps	A
	Power	U
	Motors, Engines, Fans & Gear Reducers	A
	Pump Control Systems	M
	Sumps/Wet Well	A
	Trash Racks	A
	Sluice / Slide Gates	A
	Manual Gate Operators	A
	Other Metallic Items	A
	Flap Gates	A
	Security Fencing	A
	Pressurized Pipe	A

Sutter Bypass Weir No. 2

Overall Unit Rating	Rated Item	Item Rating
A	Vegetation & Obstructions	A
	Shoaling / Sedimentation	A
	Erosion / Bank Caving	A
	Revetments	A
	Encroachments	A
	Sluice/Slide Gates	A
	Concrete Surfaces	A
	Concrete Tilting / Settlement	A
	Concrete Foundations	A
	Security Fencing	A
	Closure Structures	A
	Monolith Joints	A

Tisdale Weir

Overall Unit Rating	Rated Item	Item Rating
A	Vegetation & Obstructions	A
	Shoaling / Sedimentation	A
	Erosion / Bank Caving	A
	Revetments	A
	Encroachments	M
	Concrete Surfaces	A
	Concrete Tilting / Settlement	A
	Concrete Foundations	A
	Monolith Joints	A

Flood Control Project Maintenance
2009 Structure Summary Report
Overall Unit and Item Ratings

DWR Sutter Maintenance Yard (cont.)

Wadsworth Canal Weir No. 4

Overall Unit Rating	Rated Item	Item Rating
A	Vegetation & Obstructions	A
	Shoaling / Sedimentation	A
	Erosion / Bank Caving	A
	Revetments	A
	Encroachments	A
	Concrete Surfaces	A
	Concrete Tilting / Settlement	A
	Concrete Foundations	A
	Security Fencing	A
	Closure Structures	A
	Monolith Joints	A

Flood Control Project Maintenance**Unit Cover Sheet****2009 Structure Inspection Results****DWR Sutter Maintenance Yard**

Structure
Butte Slough Drainage Structure

Structure Rating	A
Date of Inspection	8/27/2009
DWR Inspector	Bob Duffey
Accompanied By	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2009

DWR Sutter Maintenance Yard

Structure								Structure Length	Inspection Start/End	Inspector		
Butte Slough Drainage Structure									08/27/2009 08/27/2009	Bob Duffey		
LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Photo	Issue No.	
	Start	End						Start	End			
1	0.00	0.00	Structures	Vegetation & Obstructions		A		°	°	°	Y	1
2	0.00	0.00	Structures	Shoaling / Sedimentation		A		°	°	°		2
3	0.00	0.00	Structures	Erosion / Bank Caving		A		°	°	°		3
4	0.00	0.00	Structures	Revetments		A		°	°	°		4
5	0.00	0.00	Structures	Encroachments		A		°	°	°		5
6	0.00	0.00	Structures	Culverts: Inlets / Outlets		A		°	°	°		6
7	0.00	0.00	Structures	Culverts: Breaks / Holes / Cracks		A		°	°	°		7
8	0.00	0.00	Structures	Metal Pipes		A		°	°	°		8
9	0.00	0.00	Structures	Trash Racks		N		°	°	°		9
10	0.00	0.00	Structures	Flap Gates		A		°	°	°	Y	10
11	0.00	0.00	Structures	Sluice/Slide Gates		N		°	°	°		11
12	0.00	0.00	Structures	Electric Gate Operators		N		°	°	°		12
13	0.00	0.00	Structures	Manual Gate Operators		N		°	°	°		13
14	0.00	0.00	Structures	Concrete Surfaces		A		°	°	°		14
15	0.00	0.00	Structures	Concrete Tilting / Settlement		A		°	°	°		15
16	0.00	0.00	Structures	Concrete Foundations		A		°	°	°		16
17	0.00	0.00	Structures	Security Fencing		N		°	°	°		17

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2009

DWR Sutter Maintenance Yard

Structure						Structure Length	Inspection Start/End	Inspector		
Butte Slough Drainage Structure							08/27/2009 08/27/2009	Bob Duffey		

LMR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Photo	Issue No.
	Start	End						Start	End		
18	0.00	0.00	Structures	Closure Structures		A		° °	° °		18
19	0.00	0.00	Structures	Trash Rakes		N		° °	° °		19
20	0.00	0.00	Structures	Other Metallic Items		N		° °	° °		20
21	0.00	0.00	Structures	Monolith Joints		N		° °	° °		21
22	0.00	0.00	Structures	Safety		N		° °	° °		22

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2009

DWR Sutter Maintenance Yard

Structure	Structure Length	Inspection Start/End	Inspector
Butte Slough Drainage Structure		08/27/2009 08/27/2009	Bob Duffey

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Structures
Item	Vegetation & Obstructions

View of the corrugated metal stand pipe riser.

rduffey_20090910_1.jpg



Levee Mile Report Line	10
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Structures
Item	Flap Gates

View of the outlet pipe.

rduffey_20090910_2.jpg



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Flood Control Project Maintenance**Unit Cover Sheet****2009 Structure Inspection Results****DWR Sutter Maintenance Yard**

Structure
Butte Slough Outfall Structure

Structure Rating	A
Date of Inspection	8/27/2009
DWR Inspector	Bob Duffey
Accompanied By	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2009

DWR Sutter Maintenance Yard

Structure								Structure Length	Inspection Start/End	Inspector		
Butte Slough Outfall Structure									08/27/2009 08/27/2009	Bob Duffey		
LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Photo	Issue No.	
	Start	End						Start	End			
1	0.00	0.00	Structures	Vegetation & Obstructions		A		°	°		1	
2	0.00	0.00	Structures	Shoaling / Sedimentation		A		°	°	Y	2	
3	0.00	0.00	Structures	Erosion / Bank Caving		A		°	°		3	
4	0.00	0.00	Structures	Revetments		A		°	°		4	
5	0.00	0.00	Structures	Encroachments		A		°	°		5	
6	0.00	0.00	Structures	Culverts: Inlets / Outlets		A		°	°		6	
7	0.00	0.00	Structures	Culverts: Breaks / Holes / Cracks		A		°	°		7	
8	0.00	0.00	Structures	Metal Pipes		N		°	°		8	
9	0.00	0.00	Structures	Trash Racks		N		°	°		9	
10	0.00	0.00	Structures	Flap Gates		A		°	°	Y	10	
11	0.00	0.00	Structures	Sluice/Slide Gates		A		°	°		11	
12	0.00	0.00	Structures	Electric Gate Operators		N		°	°		12	
13	0.00	0.00	Structures	Manual Gate Operators		A		°	°		13	
14	0.00	0.00	Structures	Concrete Surfaces		A		°	°		14	
15	0.00	0.00	Structures	Concrete Tilting / Settlement		A		°	°		15	
16	0.00	0.00	Structures	Concrete Foundations		A		°	°		16	
17	0.00	0.00	Structures	Security Fencing		A		°	°		17	

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2009

DWR Sutter Maintenance Yard

Structure						Structure Length	Inspection Start/End	Inspector		
Butte Slough Outfall Structure							08/27/2009 08/27/2009	Bob Duffey		

LMR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Photo	Issue No.
	Start	End						Start	End		
18	0.00	0.00	Structures	Closure Structures		A		° °	° °		18
19	0.00	0.00	Structures	Trash Rakes		N		° °	° °		19
20	0.00	0.00	Structures	Other Metallic Items		N		° °	° °		20
21	0.00	0.00	Structures	Monolith Joints		A		° °	° °		21
22	0.00	0.00	Structures	Safety		N		° °	° °		22

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2009

DWR Sutter Maintenance Yard

Structure	Structure Length	Inspection Start/End	Inspector
Butte Slough Outfall Structure		08/27/2009 08/27/2009	Bob Duffey

Levee Mile Report Line	2
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Structures
Item	Shoaling / Sedimentation

View of the intake side of the structure

rduffey_20090910_3.jpg



Levee Mile Report Line	10
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Structures
Item	Flap Gates

View of the outlet channel and gauge station

rduffey_20090910_4.jpg



*** Location**

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Flood Control Project Maintenance**Unit Cover Sheet****2009 Structure Inspection Results****DWR Sutter Maintenance Yard**

Structure
Colusa Weir

Structure Rating	A
Date of Inspection	9/10/2009
DWR Inspector	Bob Duffey
Accompanied By	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2009

DWR Sutter Maintenance Yard

Structure						Structure Length	Inspection Start/End	Inspector		
Colusa Weir							08/27/2009 08/27/2009	Bob Duffey		

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Photo	Issue No.
	Start	End						Start	End		
1	0.00	0.00	Structures	Vegetation & Obstructions		A		°	°		1
2	0.00	0.00	Structures	Shoaling / Sedimentation		A		°	°		2
3	0.00	0.00	Structures	Erosion / Bank Caving		A		°	°		3
4	0.00	0.00	Structures	Revetments		A		°	° Y		4
5	0.00	0.00	Structures	Encroachments		A		°	°		5
6	0.00	0.00	Structures	Culverts: Inlets / Outlets		N		°	°		6
7	0.00	0.00	Structures	Culverts: Breaks / Holes / Cracks		N		°	°		7
8	0.00	0.00	Structures	Metal Pipes		N		°	°		8
9	0.00	0.00	Structures	Trash Racks		N		°	°		9
10	0.00	0.00	Structures	Flap Gates		N		°	°		10
11	0.00	0.00	Structures	Sluice/Slide Gates		N		°	°		11
12	0.00	0.00	Structures	Electric Gate Operators		N		°	°		12
13	0.00	0.00	Structures	Manual Gate Operators		N		°	°		13
14	0.00	0.00	Structures	Concrete Surfaces		A		°	°		14
15	0.00	0.00	Structures	Concrete Tilting / Settlement		A		°	°		15
16	0.00	0.00	Structures	Concrete Foundations		N		°	°		16
17	0.00	0.00	Structures	Security Fencing		A		°	°		17

*** Location**

LS : Land Side
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2009

DWR Sutter Maintenance Yard

Structure	Structure Length	Inspection Start/End	Inspector
Colusa Weir		08/27/2009 08/27/2009	Bob Duffey

LMR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Photo	Issue No.
	Start	End						Start	End		
18	0.00	0.00	Structures	Closure Structures		N		° °	° °		18
19	0.00	0.00	Structures	Trash Rakes		N		° °	° °		19
20	0.00	0.00	Structures	Other Metallic Items		N		° °	° °		20
21	0.00	0.00	Structures	Monolith Joints		A		° °	° °		21
22	0.00	0.00	Structures	Safety		N		° °	° °		22

*** Location**

LS : Land Side
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2009

DWR Sutter Maintenance Yard

Structure	Structure Length	Inspection Start/End	Inspector
Colusa Weir		08/27/2009 08/27/2009	Bob Duffey

Levee Mile Report Line	4
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Structures
Item	Revetments
View of the gauging station and Sacramento River in the background	
rduffey_20090910_7.jpg	



Levee Mile Report Line	4
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Structures
Item	Revetments
The upstream side of weir from the south levee	
rduffey_20090910_8.jpg	

*** Location**

LS : Land Side
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**** Rating**

A : Acceptable
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U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected

Flood Control Project Maintenance**Unit Cover Sheet****2009 Structure Inspection Results****DWR Sutter Maintenance Yard**

Structure
Little Chico Creek Control And Weir Structures

Structure Rating	A
Date of Inspection	8/12/2009
DWR Inspector	Bob Duffey
Accompanied By	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2009

DWR Sutter Maintenance Yard

Structure								Structure Length	Inspection Start/End	Inspector		
Little Chico Creek Control And Weir Structures										Bob Duffey		
LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Photo	Issue No.	
	Start	End						Start	End			
1	0.00	0.00	Structures	Vegetation & Obstructions		A		°	°	Y	1	
2	0.00	0.00	Structures	Shoaling / Sedimentation		A		°	°		2	
3	0.00	0.00	Structures	Erosion / Bank Caving		A		°	°		3	
4	0.00	0.00	Structures	Revetments		A		°	°		4	
5	0.00	0.00	Structures	Encroachments		A		°	°		5	
6	0.00	0.00	Structures	Culverts: Inlets / Outlets		N		°	°		6	
7	0.00	0.00	Structures	Culverts: Breaks / Holes / Cracks		N		°	°		7	
8	0.00	0.00	Structures	Metal Pipes		N		°	°		8	
9	0.00	0.00	Structures	Trash Racks		N		°	°		9	
10	0.00	0.00	Structures	Flap Gates		N		°	°		10	
11	0.00	0.00	Structures	Sluice/Slide Gates		N		°	°		11	
12	0.00	0.00	Structures	Electric Gate Operators		N		°	°		12	
13	0.00	0.00	Structures	Manual Gate Operators		N		°	°		13	
14	0.00	0.00	Structures	Concrete Surfaces		A		°	°		14	
15	0.00	0.00	Structures	Concrete Tilting / Settlement		A		°	°		15	
16	0.00	0.00	Structures	Concrete Foundations		A		°	°		16	
17	0.00	0.00	Structures	Security Fencing		N		°	°		17	

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
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U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2009

DWR Sutter Maintenance Yard

Structure						Structure Length	Inspection Start/End	Inspector	
Little Chico Creek Control And Weir Structures								Bob Duffey	

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Photo	Issue No.
	Start	End						Start	End		
18	0.00	0.00	Structures	Closure Structures		A		° °	° °		18
19	0.00	0.00	Structures	Trash Rakes		N		° °	° °		19
20	0.00	0.00	Structures	Other Metallic Items		N		° °	° °		20
21	0.00	0.00	Structures	Monolith Joints				° °	° °		21
22	0.00	0.00	Structures	Safety		N		° °	° °		22

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

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PO : Partially Obstructing
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2009

DWR Sutter Maintenance Yard

Structure	Structure Length	Inspection Start/End	Inspector
Little Chico Creek Control And Weir Structures			Bob Duffey

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Structures
Item	Vegetation & Obstructions
View of the downstream side of the control structure.	
rduffey_20080917_31.jpg	



Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Structures
Item	Vegetation & Obstructions
View of the vegetation downstream from the structure.	
rduffey_20080917_32.jpg	

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected

Flood Control Project Maintenance**Unit Cover Sheet****2009 Pumping Plant Inspection Results****DWR Sutter Maintenance Yard**

Pumping Plant
Middle Creek Pumping Plant

Pumping Plant Rating	M
Date of Inspection	7/28/2009
DWR Inspector	David Pesavento
Accompanied By	Kenny Tweedp DWR
	Larry McNiel DWR

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2009

DWR Sutter Maintenance Yard

Pumping Plant						Structure Length	Inspection Start/End	Inspector
Middle Creek Pumping Plant							08/19/2009 08/19/2009	David Pesavento

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Photo	Issue No.
	Start	End						Start	End		
1	0.00	0.00	Pump Stations	Operating Log		U	Inspector Comments: No operating log is located at the site.	°	°		1
2	0.00	0.00	Pump Stations	Operation & Maintenance Manual		U	Inspector Comments: There is no O&M manual kept on site. Please keep a copy on site at all times.	°	°		2
3	0.00	0.00	Pump Stations	Plant Building		M	Inspector Comments: Concrete chamber adjacent to the structure has some differential settlement but the plant appears to be functional.	°	°	Y	3
4	0.00	0.00	Pump Stations	Communications		A	Inspector Comments: Personnel carry cell phones.	°	°		4
5	0.00	0.00	Pump Stations	Safety		A	Inspector Comments: There are no apparent dangers to personnel safety. The lighting at the site is not functional. The lots have been shot out.	°	°		5
6	0.00	0.00	Pump Stations	Cranes		N	Inspector Comments: There are no cranes at this station.	°	°		6
7	0.00	0.00	Pump Stations	Pumps		A	Inspector Comments: All three pumps were turned on and moved water.	°	°		7
8	0.00	0.00	Pump Stations	Power		A	Inspector Comments: The power does go down on occasion, but a generator could be rented.	°	°		8
9	0.00	0.00	Pump Stations	Motors, Engines, Fans & Gear Reducers		N	Inspector Comments: There are is no electrical/mechanical equipment at this station other than the pumps.	°	°		9
10	0.00	0.00	Pump Stations	Pump Control Systems		M	Inspector Comments: Wasps have made nests in some of the cabinets. Remove the wasps and seal the entrances. Unable to test the water level actuated pump operations.	°	°	Y	10
11	0.00	0.00	Pump Stations	Sumps/Wet Well		A	Inspector Comments: The sump appears to be free of debris and able to perform as intended.	°	°	Y	11
12	0.00	0.00	Pump Stations	Trash Racks		A	Inspector Comments: The trash rack appears to be in adequate condition and free of debris.	°	°	Y	12
13	0.00	0.00	Pump Stations	Trash Rakes		N	Inspector Comments: Trash racks are manually cleared.	°	°		13

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2009

DWR Sutter Maintenance Yard

Pumping Plant						Structure Length	Inspection Start/End	Inspector
Middle Creek Pumping Plant							08/19/2009 08/19/2009	David Pesavento

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Photo	Issue No.
	Start	End						Start	End		
14	0.00	0.00	Pump Stations	Sluice / Slide Gates		M	Inspector Comments: Gates on the waterward side of the levee do not appear to be greased or used in some time. Unclear if they would operate. The gates on the landward side appear to be in adequate condition and turned easily.	°	°	Y	14
15	0.00	0.00	Pump Stations	Electric Gate Operators		N	Inspector Comments: There are no electric or hydraulic operators at this station.	°	°		15
16	0.00	0.00	Pump Stations	Manual Gate Operators		M	Inspector Comments: Landward operators worked, there was no operator for the landward gates to try. The operators need grease.	°	°	Y	16
17	0.00	0.00	Pump Stations	Other Metallic Items		A		°	°		17
18	0.00	0.00	Pump Stations	Flap Gates		M	Inspector Comments: There do not appear to be any flap gates at this plant, but it is not clear what other than slide gates are used to prevent back flow.	°	°		18
19	0.00	0.00	Pump Stations	Closure Structures		N	Inspector Comments: There are no closure structures at this station.	°	°		19
20	0.00	0.00	Pump Stations	Security Fencing		A		°	°		20
21	0.00	0.00	Pump Stations	Intake and Discharge Pipes		A		°	°		21
22	0.00	0.00	Pump Stations	Pressurized Pipe		A		°	°		22

*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2009

DWR Sutter Maintenance Yard

Pumping Plant	Structure Length	Inspection Start/End	Inspector
Middle Creek Pumping Plant		08/19/2009 08/19/2009	David Pesavento

Levee Mile Report Line	3
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Plant Building
View of the gap between the main station foundation and the side chamber caused by differential settlement.	
dpesaven_20090819_53.jpg	



Levee Mile Report Line	10
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Pump Control Systems
View of the pump controls. The pumps can be manually operated or controlled by the water level.	
dpesaven_20090819_59.jpg	



Levee Mile Report Line	11
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Sumps/Wet Well
View of the pipe intake sump.	
dpesaven_20090819_55.jpg	

*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2009

DWR Sutter Maintenance Yard

Pumping Plant	Structure Length	Inspection Start/End	Inspector
Middle Creek Pumping Plant		08/19/2009 08/19/2009	David Pesavento

Levee Mile Report Line	12
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Trash Racks

View of the trash rack.

dpesaven_20090819_54.jpg



Levee Mile Report Line	14
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Sluice / Slide Gates

View of the top of the slide gate for the low flow channel on the landward side of the station.

dpesaven_20090819_56.jpg



Levee Mile Report Line	16
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Manual Gate Operators

View of an operator on the landward side of the station.

dpesaven_20090819_57.jpg



*** Location**

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N : Not Inspected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2009

DWR Sutter Maintenance Yard

Pumping Plant	Structure Length	Inspection Start/End	Inspector
Middle Creek Pumping Plant		08/19/2009 08/19/2009	David Pesavento

Levee Mile Report Line	16
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Manual Gate Operators
View of the operators on the waterward side of the station.	
dpesaven_20090819_58.jpg	

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

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N : Not Inspected

Flood Control Project Maintenance**Unit Cover Sheet****2009 Structure Inspection Results****DWR Sutter Maintenance Yard**

Structure
Moulton Weir

Structure Rating	A
Date of Inspection	8/26/2009
DWR Inspector	Bob Duffey
Accompanied By	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2009

DWR Sutter Maintenance Yard

Structure	Structure Length	Inspection Start/End	Inspector
Moulton Weir		08/27/2009 08/27/2009	Bob Duffey

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Photo	Issue No.
	Start	End						Start	End		
1	0.00	0.00	Structures	Vegetation & Obstructions		A		° °	° °		1
2	0.00	0.00	Structures	Shoaling / Sedimentation		A		° °	° °	Y	2
3	0.00	0.00	Structures	Erosion / Bank Caving		A		° °	° °		3
4	0.00	0.00	Structures	Revetments		A		° °	° °	Y	4
5	0.00	0.00	Structures	Encroachments		A		° °	° °		5
6	0.00	0.00	Structures	Culverts: Inlets / Outlets		N		° °	° °		6
7	0.00	0.00	Structures	Culverts: Breaks / Holes / Cracks		N		° °	° °		7
8	0.00	0.00	Structures	Metal Pipes		N		° °	° °		8
9	0.00	0.00	Structures	Trash Racks		N		° °	° °		9
10	0.00	0.00	Structures	Flap Gates		N		° °	° °		10
11	0.00	0.00	Structures	Sluice/Slide Gates		N		° °	° °		11
12	0.00	0.00	Structures	Electric Gate Operators		N		° °	° °		12
13	0.00	0.00	Structures	Manual Gate Operators		N		° °	° °		13
14	0.00	0.00	Structures	Concrete Surfaces		A		° °	° °		14
15	0.00	0.00	Structures	Concrete Tilting / Settlement		A		° °	° °		15
16	0.00	0.00	Structures	Concrete Foundations		A		° °	° °		16
17	0.00	0.00	Structures	Security Fencing		A		° °	° °		17

*** Location**

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**** Rating**

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PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2009

DWR Sutter Maintenance Yard

Structure						Structure Length	Inspection Start/End	Inspector		
Moulton Weir							08/27/2009 08/27/2009	Bob Duffey		

LMR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Photo	Issue No.
	Start	End						Start	End		
18	0.00	0.00	Structures	Closure Structures		N		° °	° °		18
19	0.00	0.00	Structures	Trash Rakes		N		° °	° °		19
20	0.00	0.00	Structures	Other Metallic Items		N		° °	° °		20
21	0.00	0.00	Structures	Monolith Joints		A		° °	° °		21
22	0.00	0.00	Structures	Safety		N		° °	° °		22

*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2009

DWR Sutter Maintenance Yard

Structure	Structure Length	Inspection Start/End	Inspector
Moulton Weir		08/27/2009 08/27/2009	Bob Duffey

Levee Mile Report Line	2
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Structures
Item	Shoaling / Sedimentation
The weir and stilling basin from the top of the south abutment	
rduffey_20090910_5.jpg	



Levee Mile Report Line	4
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Structures
Item	Revetments
View of the gauging station directly upstream of weir	
rduffey_20090910_6.jpg	

*** Location**

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Flood Control Project Maintenance**Unit Cover Sheet****2009 Structure Inspection Results****DWR Sutter Maintenance Yard**

Structure
Nelson Bend

Structure Rating	A
Date of Inspection	7/9/2009
DWR Inspector	John Williamson
Accompanied By	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2009

DWR Sutter Maintenance Yard

Structure						Structure Length	Inspection Start/End	Inspector
Nelson Bend							07/09/2009 07/09/2009	John Williamson

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Photo	Issue No.
	Start	End						Start	End		
1	0.00	0.00	Structures	Photo Documentation	CR		Inspector Comments: start lat. North end 38.89550 - 121.61695, end lat south end 38.88745 -121.61533	38.895500 ° 121.616950 °	38.887450 ° 121.615330 °	Y	1
2	0.00	0.00	Structures	Vegetation & Obstructions	CR	A		° °	° °		2
3	0.00	0.00	Structures	Shoaling / Sedimentation	CR	A		° °	° °		3
4	0.00	0.00	Structures	Erosion / Bank Caving	CR	A		° °	° °		4
5	0.00	0.00	Structures	Revetments	CR	A		° °	° °		5
6	0.00	0.00	Structures	Encroachments	CR	A		° °	° °		6
7	0.00	0.00	Structures	Culverts: Inlets / Outlets	CR	N		° °	° °		7
8	0.00	0.00	Structures	Culverts: Breaks / Holes / Cracks	CR	N		° °	° °		8
9	0.00	0.00	Structures	Metal Pipes	CR	N		° °	° °		9
10	0.00	0.00	Structures	Trash Racks	CR	N		° °	° °		10
11	0.00	0.00	Structures	Flap Gates	CR	N		° °	° °		11
12	0.00	0.00	Structures	Sluice/Slide Gates	CR	N		° °	° °		12
13	0.00	0.00	Structures	Electric Gate Operators	CR	N		° °	° °		13
14	0.00	0.00	Structures	Manual Gate Operators	CR	N		° °	° °		14
15	0.00	0.00	Structures	Concrete Surfaces	CR	N		° °	° °		15
16	0.00	0.00	Structures	Concrete Tilting / Settlement	CR	N		° °	° °		16
17	0.00	0.00	Structures	Concrete Foundations	CR	N		° °	° °		17

*** Location**

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**** Rating**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2009

DWR Sutter Maintenance Yard

Structure						Structure Length	Inspection Start/End	Inspector	
Nelson Bend							07/09/2009 07/09/2009	John Williamson	

LMR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Photo	Issue No.
	Start	End						Start	End		
18	0.00	0.00	Structures	Security Fencing	CR	N		° °	° °		18
19	0.00	0.00	Structures	Closure Structures	CR	N		° °	° °		19
20	0.00	0.00	Structures	Trash Rakes	CR	N		° °	° °		20
21	0.00	0.00	Structures	Other Metallic Items	CR	N		° °	° °		21
22	0.00	0.00	Structures	Monolith Joints	CR	N		° °	° °		22
23	0.00	0.00	Structures	Safety	CR	M	Inspector Comments: this issue does not apply I gave the M rating because of the rip rap and the possible threat of tripping and falling.	° °	° °		23

*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2009

DWR Sutter Maintenance Yard

Structure	Structure Length	Inspection Start/End	Inspector
Nelson Bend		07/09/2009 07/09/2009	John Williamson

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Crown
Category	Structures
Item	Photo Documentation
North end on top of levee 38.89550 -121.61695	
johngw_20090709_1.jpg	



Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Crown
Category	Structures
Item	Photo Documentation
north end 38.89550 -121.61695	
johngw_20090709_2.jpg	



Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Crown
Category	Structures
Item	Photo Documentation
rip rap on north levee	
johngw_20090709_3.jpg	

*** Location**

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**** Rating**

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PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2009

DWR Sutter Maintenance Yard

Structure	Structure Length	Inspection Start/End	Inspector
Nelson Bend		07/09/2009 07/09/2009	John Williamson

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Crown
Category	Structures
Item	Photo Documentation
south end where rip rap meets berm 38.88745 - 121.61533	
johngw_20090709_4.jpg	



Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Crown
Category	Structures
Item	Photo Documentation
south end look at front of rip rap 38.88745 - 121.61533	
johngw_20090709_5.jpg	

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

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Flood Control Project Maintenance**Unit Cover Sheet****2009 Pumping Plant Inspection Results****DWR Sutter Maintenance Yard**

Pumping Plant
Sutter Bypass Pumping Plant No. 1

Pumping Plant Rating	M
Date of Inspection	8/10/2009
DWR Inspector	John Paasch
Accompanied By	Paul Casillas DWR Sutter Maintenance Yard

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2009

DWR Sutter Maintenance Yard

Pumping Plant						Structure Length	Inspection Start/End	Inspector
Sutter Bypass Pumping Plant No. 1							08/11/2009 08/11/2009	John Paasch

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Photo	Issue No.
	Start	End						Start	End		
1	0.00	0.00	Pump Stations	Operating Log		A	Inspector Comments: O&M log present at the pump station and is being used and updated	°	°	Y	1
2	0.00	0.00	Pump Stations	Operation & Maintenance Manual		A	Inspector Comments: O&M manual is present at site.	°	°	°	2
3	0.00	0.00	Pump Stations	Plant Building		A	Inspector Comments: Enclosure appears in good structural and operational condition.	°	°	Y	3
4	0.00	0.00	Pump Stations	Communications		A	Inspector Comments: Telephone line available at site. Operators have cellular and radio communication.	°	°	°	4
5	0.00	0.00	Pump Stations	Safety		A	Inspector Comments: No apparent safety hazards observed that pose a threat to plant operators.	°	°	°	5
6	0.00	0.00	Pump Stations	Cranes		N	Inspector Comments: No cranes present at site.	°	°	°	6
7	0.00	0.00	Pump Stations	Pumps		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Pumps appear properly maintained and lubricated. Pumps last run March 2009.	°	°	°	7
8	0.00	0.00	Pump Stations	Power		U	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Power source has been unreliable in the past. DOE is currently planning to upgrade the power to the pumping plant.	°	°	°	8
9	0.00	0.00	Pump Stations	Motors, Engines, Fans & Gear Reducers		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Motors appear to be properly maintained and operational.	°	°	Y	9
10	0.00	0.00	Pump Stations	Pump Control Systems		M	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Automatic controls are not functional. Manual operation only.	°	°	°	10
11	0.00	0.00	Pump Stations	Sumps/Wet Well		A	Inspector Comments: Sump appears to be clear of excessive debris and sediment.	°	°	°	11
12	0.00	0.00	Pump Stations	Trash Racks		A	Inspector Comments: Trash racks are fastened in place and properly maintained.	°	°	Y	12

*** Location**

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CR : Crown

**** Rating**

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N : Not Inspected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2009

DWR Sutter Maintenance Yard

Pumping Plant							Structure Length	Inspection Start/End	Inspector		
Sutter Bypass Pumping Plant No. 1								08/11/2009 08/11/2009	John Paasch		
LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Photo	Issue No.
	Start	End						Start	End		
13	0.00	0.00	Pump Stations	Trash Rakes		N	Inspector Comments: Mechanical trash rakes are not present at this site.	°	°		13
14	0.00	0.00	Pump Stations	Sluice / Slide Gates		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Slide gates are left in open position and appear well maintained and operational.	°	°		14
15	0.00	0.00	Pump Stations	Electric Gate Operators		N	Inspector Comments: Item not present at this site.	°	°		15
16	0.00	0.00	Pump Stations	Manual Gate Operators		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Manual gate operators appear in good working condition.	°	°	Y	16
17	0.00	0.00	Pump Stations	Other Metallic Items		A	Inspector Comments: Metal parts are protected from corrosion damage.	°	°		17
18	0.00	0.00	Pump Stations	Flap Gates		A	Inspector Comments: Flap gates open freely and close completely and appear to be in good condition.	°	°	Y	18
19	0.00	0.00	Pump Stations	Closure Structures		N	Inspector Comments: Item not present at this site.	°	°		19
20	0.00	0.00	Pump Stations	Security Fencing		A	Inspector Comments: Safety fence has been temporarily removed for maintenance.	°	°		20
21	0.00	0.00	Pump Stations	Intake and Discharge Pipes		N	Inspector Comments: Item not present at this site.	°	°		21
22	0.00	0.00	Pump Stations	Pressurized Pipe		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: No evidence of erosion or leakage of pressurized pipe was found.	°	°	Y	22

*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2009

DWR Sutter Maintenance Yard

Pumping Plant	Structure Length	Inspection Start/End	Inspector
Sutter Bypass Pumping Plant No. 1		08/11/2009 08/11/2009	John Paasch

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Operating Log

Photo of operator area showing operation logs and phone communication.

jpaasch_20090812_40.jpg



Levee Mile Report Line	3
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Plant Building

Photo of electrical controls building.

jpaasch_20090812_41.jpg



Levee Mile Report Line	9
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Motors, Engines, Fans & Gear Reducers

Photo of pump motors and canopy at Pumping Plant 1.

jpaasch_20090812_42.jpg



*** Location**

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N : Not Inspected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2009

DWR Sutter Maintenance Yard

Pumping Plant	Structure Length	Inspection Start/End	Inspector
Sutter Bypass Pumping Plant No. 1		08/11/2009 08/11/2009	John Paasch

Levee Mile Report Line	12
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Trash Racks
Photo of trash rack, wet wells and safety fencing temporarily removed for trash removal.	
jpaasch_20090812_43.jpg	



Levee Mile Report Line	16
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Manual Gate Operators
Photo of manual operators for slide gates at the outfall.	
jpaasch_20090812_44.jpg	



Levee Mile Report Line	18
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Flap Gates
Photo of flap gates at the outfall.	
jpaasch_20090812_45.jpg	

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2009

DWR Sutter Maintenance Yard

Pumping Plant	Structure Length	Inspection Start/End	Inspector
Sutter Bypass Pumping Plant No. 1		08/11/2009 08/11/2009	John Paasch

Levee Mile Report Line	22
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Pressurized Pipe

Photo of pipe in deep well.

jpaasch_20090812_46.jpg



*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected

Flood Control Project Maintenance**Unit Cover Sheet****2009 Pumping Plant Inspection Results****DWR Sutter Maintenance Yard**

Pumping Plant
Sutter Bypass Pumping Plant No. 2

Pumping Plant Rating	M
Date of Inspection	8/10/2009
DWR Inspector	John Paasch
Accompanied By	Paul Casillas DWR Sutter Maintenance Yard

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2009

DWR Sutter Maintenance Yard

Pumping Plant						Structure Length	Inspection Start/End	Inspector
Sutter Bypass Pumping Plant No. 2							08/11/2009 08/11/2009	John Paasch

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Photo	Issue No.
	Start	End						Start	End		
1	0.00	0.00	Pump Stations	Operating Log		A	Inspector Comments: O&M log present at the pump station and is being used and updated	°	°	Y	1
2	0.00	0.00	Pump Stations	Operation & Maintenance Manual		A	Inspector Comments: O&M manual is present at site.	°	°	°	2
3	0.00	0.00	Pump Stations	Plant Building		A	Inspector Comments: Enclosure building appears in good structural and operational condition.	°	°	Y	3
4	0.00	0.00	Pump Stations	Communications		A	Inspector Comments: Telephone line available at site. Operators have cellular and radio communication.	°	°	°	4
5	0.00	0.00	Pump Stations	Safety		A	Inspector Comments: No apparent safety hazards observed that pose a threat to plant operators.	°	°	°	5
6	0.00	0.00	Pump Stations	Cranes		N	Inspector Comments: No cranes present at site.	°	°	°	6
7	0.00	0.00	Pump Stations	Pumps		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Pumps appear properly maintained and lubricated. Pumps last run March 2009.	°	°	°	7
8	0.00	0.00	Pump Stations	Power		U	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Power source has been unreliable in the past. DOE is currently planning to upgrade the power to the pumping plant.	°	°	°	8
9	0.00	0.00	Pump Stations	Motors, Engines, Fans & Gear Reducers		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Motors appear to be properly maintained and operational.	°	°	Y	9
10	0.00	0.00	Pump Stations	Pump Control Systems		M	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Automatic controls are not functional. Manual operation only.	°	°	°	10
11	0.00	0.00	Pump Stations	Sumps/Wet Well		A	Inspector Comments: Sump appears to be clear of excessive debris and sediment.	°	°	°	11
12	0.00	0.00	Pump Stations	Trash Racks		A	Inspector Comments: Trash racks are fastened in place and properly maintained.	°	°	Y	12

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2009

DWR Sutter Maintenance Yard

Pumping Plant							Structure Length	Inspection Start/End	Inspector		
Sutter Bypass Pumping Plant No. 2								08/11/2009 08/11/2009	John Paasch		
LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Photo	Issue No.
	Start	End						Start	End		
13	0.00	0.00	Pump Stations	Trash Rakes		N	Inspector Comments: Mechanical trash rakes are not present at this site.	°	°		13
14	0.00	0.00	Pump Stations	Sluice / Slide Gates		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Slide gates are left in open position and appear well maintained and operational.	°	°		14
15	0.00	0.00	Pump Stations	Electric Gate Operators		N	Inspector Comments: Item not present at this site.	°	°		15
16	0.00	0.00	Pump Stations	Manual Gate Operators		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Manual screw type gate operators appear in good working condition.	°	°	Y	16
17	0.00	0.00	Pump Stations	Other Metallic Items		A	Inspector Comments: Metal parts are protected from corrosion damage.	°	°		17
18	0.00	0.00	Pump Stations	Flap Gates		A	Inspector Comments: Flap gates open freely and close completely and appear to be in good condition.	°	°	Y	18
19	0.00	0.00	Pump Stations	Closure Structures		N	Inspector Comments: Item not present at this site.	°	°		19
20	0.00	0.00	Pump Stations	Security Fencing		A	Inspector Comments: Trespassers routinely cut locks and leave gates opened at the intake.	°	°		20
21	0.00	0.00	Pump Stations	Intake and Discharge Pipes		N	Inspector Comments: Item not present at this site.	°	°		21
22	0.00	0.00	Pump Stations	Pressurized Pipe		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: No evidence of erosion or leakage of pressurized pipe was found.	°	°	Y	22

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2009

DWR Sutter Maintenance Yard

Pumping Plant	Structure Length	Inspection Start/End	Inspector
Sutter Bypass Pumping Plant No. 2		08/11/2009 08/11/2009	John Paasch

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Operating Log

Photo of operator area showing operation logs and phone communication.

jpaasch_20090812_33.jpg



Levee Mile Report Line	3
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Plant Building

Photo of electrical controls building and transformer.

jpaasch_20090812_34.jpg



Levee Mile Report Line	9
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Motors, Engines, Fans & Gear Reducers

Photo of pump motors and canopy at Pumping Plant 2.

jpaasch_20090812_35.jpg



*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2009

DWR Sutter Maintenance Yard

Pumping Plant	Structure Length	Inspection Start/End	Inspector
Sutter Bypass Pumping Plant No. 2		08/11/2009 08/11/2009	John Paasch

Levee Mile Report Line	12
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Trash Racks
Photo of trash racks and safety fencing at the pump plant intake.	
jpaasch_20090812_36.jpg	



Levee Mile Report Line	16
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Manual Gate Operators
Photo of manual operators for slide gates at the outfall.	
jpaasch_20090812_37.jpg	



Levee Mile Report Line	18
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Flap Gates
Photo of flap gates at the outfall.	
jpaasch_20090812_38.jpg	

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2009

DWR Sutter Maintenance Yard

Pumping Plant	Structure Length	Inspection Start/End	Inspector
Sutter Bypass Pumping Plant No. 2		08/11/2009 08/11/2009	John Paasch

Levee Mile Report Line	22
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Pressurized Pipe

Photo of one of the steel pipes in the wet well.

jpaasch_20090812_39.jpg



*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected

Flood Control Project Maintenance**Unit Cover Sheet****2009 Pumping Plant Inspection Results****DWR Sutter Maintenance Yard**

Pumping Plant
Sutter Bypass Pumping Plant No. 3

Pumping Plant Rating	M
Date of Inspection	8/10/2009
DWR Inspector	John Paasch
Accompanied By	Paul Casillas DWR Sutter Maintenance Yard

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2009

DWR Sutter Maintenance Yard

Pumping Plant						Structure Length	Inspection Start/End	Inspector
Sutter Bypass Pumping Plant No. 3							08/11/2009 08/11/2009	John Paasch

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Photo	Issue No.
	Start	End						Start	End		
1	0.00	0.00	Pump Stations	Operating Log		A	Inspector Comments: O&M log present at the pump station and is being used and updated	°	°	Y	1
2	0.00	0.00	Pump Stations	Operation & Maintenance Manual		A	Inspector Comments: O&M manual is present at site.	°	°		2
3	0.00	0.00	Pump Stations	Plant Building		A	Inspector Comments: Enclosure building appears in good structural and operational condition.	°	°	Y	3
4	0.00	0.00	Pump Stations	Communications		A	Inspector Comments: Telephone line available at site. Operators have cellular and radio communication.	°	°		4
5	0.00	0.00	Pump Stations	Safety		A	Inspector Comments: No apparent safety hazards observed that pose a threat to plant operators.	°	°		5
6	0.00	0.00	Pump Stations	Cranes		N	Inspector Comments: Cranes brought in to work on pumps and motors.	°	°		6
7	0.00	0.00	Pump Stations	Pumps		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Pumps appear properly maintained and lubricated. Pumps last run in March 2009.	°	°		7
8	0.00	0.00	Pump Stations	Power		U	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Power source has been unreliable in the past. DOE is currently planning to upgrade the power to the pumping plant.	°	°		8
9	0.00	0.00	Pump Stations	Motors, Engines, Fans & Gear Reducers		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Motors appear to be properly maintained and operational.	°	°	Y	9
10	0.00	0.00	Pump Stations	Pump Control Systems		M	Inspector Comments: Automatic controls not functional. Manual operation only.	°	°		10
11	0.00	0.00	Pump Stations	Sumps/Wet Well		A	Inspector Comments: Annual maintenance and clearing done ahead of next flood season.	°	°		11
12	0.00	0.00	Pump Stations	Trash Racks		A	Inspector Comments: Trash racks are fastened in place and properly maintained.	°	°	Y	12

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2009

DWR Sutter Maintenance Yard

Pumping Plant							Structure Length	Inspection Start/End	Inspector		
Sutter Bypass Pumping Plant No. 3								08/11/2009 08/11/2009	John Paasch		
LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Photo	Issue No.
	Start	End						Start	End		
13	0.00	0.00	Pump Stations	Trash Rakes		N	Inspector Comments: Mechanical trash rakes are not present at this site.	°	°		13
14	0.00	0.00	Pump Stations	Sluice / Slide Gates		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Screw (slide) gates are maintained annually.	°	°		14
15	0.00	0.00	Pump Stations	Electric Gate Operators		N	Inspector Comments: Item not present at this site.	°	°		15
16	0.00	0.00	Pump Stations	Manual Gate Operators		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Manual screw type gate operators appear in good working condition.	°	°	Y	16
17	0.00	0.00	Pump Stations	Other Metallic Items		A	Inspector Comments: Metal parts are protected from corrosion damage.	°	°		17
18	0.00	0.00	Pump Stations	Flap Gates		A	Inspector Comments: Flap gates open freely and close completely and appear to be in good condition.	°	°	Y	18
19	0.00	0.00	Pump Stations	Closure Structures		N	Inspector Comments: Item not present at this site.	°	°		19
20	0.00	0.00	Pump Stations	Security Fencing		A	Inspector Comments: Safety fence at trash racks has been stolen and needs to be replaced.	°	°		20
21	0.00	0.00	Pump Stations	Intake and Discharge Pipes		N	Inspector Comments: Item not present at this site.	°	°		21
22	0.00	0.00	Pump Stations	Pressurized Pipe		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: No evidence of erosion or leakage of pressurized pipe was found.	°	°		22

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2009

DWR Sutter Maintenance Yard

Pumping Plant	Structure Length	Inspection Start/End	Inspector
Sutter Bypass Pumping Plant No. 3		08/11/2009 08/11/2009	John Paasch

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Operating Log

Photo of operator area showing operation logs and phone communication.

jpaasch_20090812_27.jpg



Levee Mile Report Line	3
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Plant Building

Photo of electrical controls building.

jpaasch_20090812_28.jpg



Levee Mile Report Line	9
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Motors, Engines, Fans & Gear Reducers

Photo of pump motors and canopy at Pumping Plant 3.

jpaasch_20090812_29.jpg



*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2009

DWR Sutter Maintenance Yard

Pumping Plant	Structure Length	Inspection Start/End	Inspector
Sutter Bypass Pumping Plant No. 3		08/11/2009 08/11/2009	John Paasch

Levee Mile Report Line	12
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Trash Racks

Photo of intake side of the pumping plant showing missing guard rails at the trash racks.

jpaasch_20090812_30.jpg



Levee Mile Report Line	16
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Manual Gate Operators

Photo of manual operators for slide gates at the outfall.

jpaasch_20090812_32.jpg



Levee Mile Report Line	18
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Flap Gates

Photo of flap gates at the outfall.

jpaasch_20090812_31.jpg



*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected

Flood Control Project Maintenance**Unit Cover Sheet****2009 Structure Inspection Results****DWR Sutter Maintenance Yard**

Structure
Sutter Bypass Weir No. 2

Structure Rating	A
Date of Inspection	8/26/2009
DWR Inspector	Bob Duffey
Accompanied By	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2009

DWR Sutter Maintenance Yard

Structure	Structure Length	Inspection Start/End	Inspector
Sutter Bypass Weir No. 2		08/26/2009 08/26/2009	Bob Duffey

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Photo	Issue No.
	Start	End						Start	End		
1	0.00	0.00	Structures	Vegetation & Obstructions		A		° °	° °		1
2	0.00	0.00	Structures	Shoaling / Sedimentation		A		° °	° °		2
3	0.00	0.00	Structures	Erosion / Bank Caving		A		° °	° °		3
4	0.00	0.00	Structures	Revetments		A		° °	° Y °		4
5	0.00	0.00	Structures	Encroachments		A		° °	° °		5
6	0.00	0.00	Structures	Culverts: Inlets / Outlets		N		° °	° °		6
7	0.00	0.00	Structures	Culverts: Breaks / Holes / Cracks		N		° °	° °		7
8	0.00	0.00	Structures	Metal Pipes		N		° °	° °		8
9	0.00	0.00	Structures	Trash Racks		N		° °	° °		9
10	0.00	0.00	Structures	Flap Gates		N		° °	° °		10
11	0.00	0.00	Structures	Sluice/Slide Gates		A		° °	° °		11
12	0.00	0.00	Structures	Electric Gate Operators		N		° °	° °		12
13	0.00	0.00	Structures	Manual Gate Operators		N		° °	° °		13
14	0.00	0.00	Structures	Concrete Surfaces		A		° °	° °		14
15	0.00	0.00	Structures	Concrete Tilting / Settlement		A		° °	° °		15
16	0.00	0.00	Structures	Concrete Foundations		A		° °	° °		16
17	0.00	0.00	Structures	Security Fencing		A		° °	° °		17

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2009

DWR Sutter Maintenance Yard

Structure	Structure Length	Inspection Start/End	Inspector
Sutter Bypass Weir No. 2		08/26/2009 08/26/2009	Bob Duffey

LMR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Photo	Issue No.
	Start	End						Start	End		
18	0.00	0.00	Structures	Closure Structures		A		° °	° °		18
19	0.00	0.00	Structures	Trash Rakes		N		° °	° °		19
20	0.00	0.00	Structures	Other Metallic Items		N		° °	° °		20
21	0.00	0.00	Structures	Monolith Joints		A		° °	° °		21
22	0.00	0.00	Structures	Safety		N		° °	° °		22

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2009

DWR Sutter Maintenance Yard

Structure	Structure Length	Inspection Start/End	Inspector
Sutter Bypass Weir No. 2		08/26/2009 08/26/2009	Bob Duffey

Levee Mile Report Line	4
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Structures
Item	Revetments

View of downstream side of the weir

rduffey_20090910_10.jpg



Levee Mile Report Line	4
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Structures
Item	Revetments

View of the upstream side of the weir

rduffey_20090910_11.jpg



*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected

Flood Control Project Maintenance**Unit Cover Sheet****2009 Structure Inspection Results****DWR Sutter Maintenance Yard**

Structure
Tisdale Weir

Structure Rating	A
Date of Inspection	8/26/2009
DWR Inspector	Bob Duffey
Accompanied By	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2009

DWR Sutter Maintenance Yard

Structure						Structure Length	Inspection Start/End	Inspector	
Tisdale Weir								Bob Duffey	

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Photo	Issue No.
	Start	End						Start	End		
1	0.00	0.00	Structures	Vegetation & Obstructions		A		°	°		1
2	0.00	0.00	Structures	Shoaling / Sedimentation		A		°	°	Y	2
3	0.00	0.00	Structures	Erosion / Bank Caving		A		°	°		3
4	0.00	0.00	Structures	Revetments		A		°	°		4
5	0.00	0.00	Structures	Encroachments		M		°	°		5
6	0.00	0.00	Structures	Culverts: Inlets / Outlets		N		°	°		6
7	0.00	0.00	Structures	Culverts: Breaks / Holes / Cracks		N		°	°		7
8	0.00	0.00	Structures	Metal Pipes		N		°	°		8
9	0.00	0.00	Structures	Trash Racks		N		°	°		9
10	0.00	0.00	Structures	Flap Gates		N		°	°		10
11	0.00	0.00	Structures	Sluice/Slide Gates		N		°	°		11
12	0.00	0.00	Structures	Electric Gate Operators		N		°	°		12
13	0.00	0.00	Structures	Manual Gate Operators		N		°	°		13
14	0.00	0.00	Structures	Concrete Surfaces		A		°	°		14
15	0.00	0.00	Structures	Concrete Tilting / Settlement		A		°	°		15
16	0.00	0.00	Structures	Concrete Foundations		A		°	°		16
17	0.00	0.00	Structures	Security Fencing		N		°	°		17

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2009

DWR Sutter Maintenance Yard

Structure						Structure Length	Inspection Start/End	Inspector	
Tisdale Weir								Bob Duffey	

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Photo	Issue No.
	Start	End						Start	End		
18	0.00	0.00	Structures	Closure Structures		N		° °	° °		18
19	0.00	0.00	Structures	Trash Rakes		N		° °	° °		19
20	0.00	0.00	Structures	Other Metallic Items		N		° °	° °		20
21	0.00	0.00	Structures	Monolith Joints		A		° °	° °		21
22	0.00	0.00	Structures	Safety		N		° °	° °		22

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2009

DWR Sutter Maintenance Yard

Structure	Structure Length	Inspection Start/End	Inspector
Tisdale Weir			Bob Duffey

Levee Mile Report Line	2
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Structures
Item	Shoaling / Sedimentation
View of the weir and boat parking lot from the south levee	
rduffey_20090910_9.jpg	

*** Location**

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CR : Crown

**** Rating**

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Flood Control Project Maintenance**Unit Cover Sheet****2009 Structure Inspection Results****DWR Sutter Maintenance Yard**

Structure
Wadsworth Canal Weir No. 4

Structure Rating	A
Date of Inspection	8/27/2009
DWR Inspector	Bob Duffey
Accompanied By	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2009

DWR Sutter Maintenance Yard

Structure						Structure Length	Inspection Start/End	Inspector	
Wadsworth Canal Weir No. 4								Bob Duffey	

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Photo	Issue No.
	Start	End						Start	End		
1	0.00	0.00	Structures	Vegetation & Obstructions		A		°	°		1
2	0.00	0.00	Structures	Shoaling / Sedimentation		A		°	°		2
3	0.00	0.00	Structures	Erosion / Bank Caving		A		°	° Y		3
4	0.00	0.00	Structures	Revetments		A		°	° Y		4
5	0.00	0.00	Structures	Encroachments		A		°	°		5
6	0.00	0.00	Structures	Culverts: Inlets / Outlets		N		°	°		6
7	0.00	0.00	Structures	Culverts: Breaks / Holes / Cracks		N		°	°		7
8	0.00	0.00	Structures	Metal Pipes		N		°	°		8
9	0.00	0.00	Structures	Trash Racks		N		°	°		9
10	0.00	0.00	Structures	Flap Gates		N		°	°		10
11	0.00	0.00	Structures	Sluice/Slide Gates		N		°	°		11
12	0.00	0.00	Structures	Electric Gate Operators		N		°	°		12
13	0.00	0.00	Structures	Manual Gate Operators		N		°	°		13
14	0.00	0.00	Structures	Concrete Surfaces		A		°	°		14
15	0.00	0.00	Structures	Concrete Tilting / Settlement		A		°	°		15
16	0.00	0.00	Structures	Concrete Foundations		A		°	°		16
17	0.00	0.00	Structures	Security Fencing		A		°	°		17

*** Location**

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N : Not Inspected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2009

DWR Sutter Maintenance Yard

Structure						Structure Length	Inspection Start/End	Inspector	
Wadsworth Canal Weir No. 4								Bob Duffey	

LMR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Photo	Issue No.
	Start	End						Start	End		
18	0.00	0.00	Structures	Closure Structures		A		° °	° °		18
19	0.00	0.00	Structures	Trash Rakes		N		° °	° °		19
20	0.00	0.00	Structures	Other Metallic Items		N		° °	° °		20
21	0.00	0.00	Structures	Monolith Joints		A		° °	° °		21
22	0.00	0.00	Structures	Safety		N		° °	° °		22

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

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M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2009

DWR Sutter Maintenance Yard

Structure	Structure Length	Inspection Start/End	Inspector
Wadsworth Canal Weir No. 4			Bob Duffey

Levee Mile Report Line	3
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Structures
Item	Erosion / Bank Caving
View of the downstream side of the structure	
rduffey_20090910_12.jpg	



Levee Mile Report Line	4
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Structures
Item	Revetments
View of the upstream side of the structure from the left bank levee	
rduffey_20090910_13.jpg	

*** Location**

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